

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

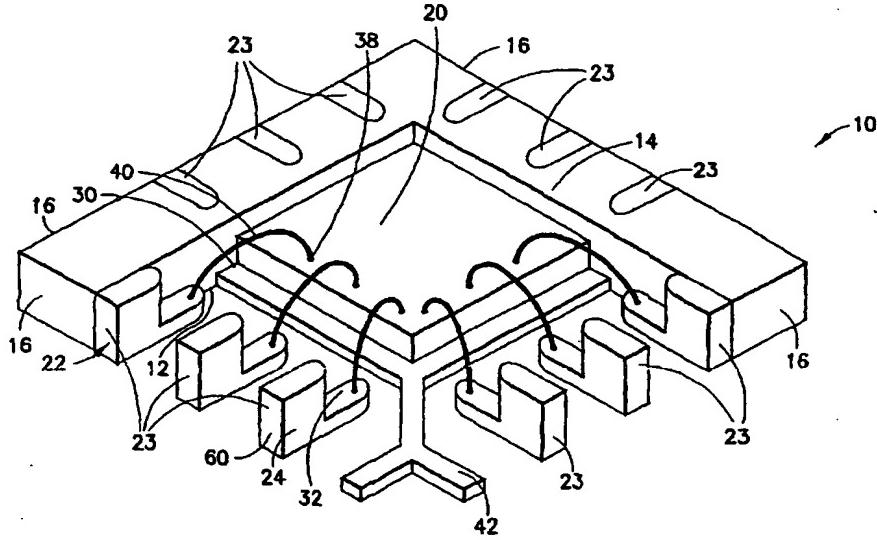
PCT

(10) International Publication Number
WO 2005/022591 A2

- (51) International Patent Classification⁷: **H01L** Duta Mas, Block A03-9, Batam Center, Batam Island 29433 (ID).
- (21) International Application Number: PCT/US2004/026790 (74) Agents: OLSON, Timothy, J. et al.; Wiggin and Dana LLP, One Century Tower, P.O. Box 1832, New Haven, CT 06508-1832 (US).
- (22) International Filing Date: 18 August 2004 (18.08.2004)
- (25) Filing Language: English (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (26) Publication Language: English
- (30) Priority Data: 60/497,829 26 August 2003 (26.08.2003) US
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- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: REVERSIBLE LEADLESS PACKAGE AND METHODS OF MAKING AND USING SAME



(57) Abstract: A semiconductor device package includes an electrically conductive lead frame having a plurality of posts disposed at a perimeter of the package. Each of the posts has a first contact surface disposed at the first package face and a second contact surface disposed at the second package face. The lead frame also includes a plurality of post extensions disposed at the second package face. Each of the post extensions includes a bond site formed on a surface of the post extension opposite the second package face. At least one I/O pads on the semiconductor device is electrically connected to the post extension at the bond site using wirebonding, tape automated bonding, or flip-chip methods. The package can be assembled using a lead frame having pre-formed leads, with or without taping, or it can employ the use of partially etched lead frames. A stack of semiconductor device packages may be formed.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(15) Information about Correction:
see PCT Gazette No. 22/2005 of 2 June 2005, Section II

Published:

- *without international search report and to be republished
upon receipt of that report*

(48) Date of publication of this corrected version:

2 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.